

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John Hines, Piyush Jain and Stefan Kotes  
Assignee: Tumbleweed Communications Corp.  
Title: METHOD AND SYSTEM FOR ENABLING PKI IN A BANDWIDTH  
RESTRICTED ENVIRONMENT  
Application No.: 10/726,841 Filed: December 2, 2003  
Examiner: Carlton Johnson Group Art Unit: 2136  
Atty. Docket No.: 127-0013 (formerly Conf. No.: 5556  
TUMB-112)

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COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(INCLUDING REVOCATION OF PRIOR POWERS)**

Dear Sir:

Assignee of record of the entire interest of the above-identified application hereby  
revokes all powers of attorney previously given and appoints the following attorney(s) and/or  
agent(s) to prosecute this application and to transact all business in the United States Patent and  
Trademark Office connected therewith:

Registered Patent Practitioners associated with Customer Number

**50854**

(Zagorin O'Brien Graham LLP / Tumbleweed Communications Corp.)

## CORRESPONDENCE ADDRESS

Please direct all correspondence concerning this application according to the USPTO Customer Number, if provided below, or otherwise to the individual and/or firm named below:

Customer Number

**22120**

(Zagorin O'Brien Graham LLP)

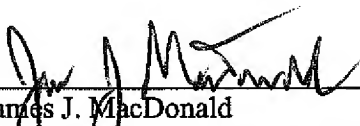
## STATEMENT UNDER 37 CFR § 3.73(b) ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

The assignee, Tumbleweed Communications Corp., seeks to take action in the above-identified patent application. Chain of title from the inventors of the above-identified patent application to the assignee is as follows:

- An assignment from John Hines, Piyush Jain and Stefan Kotes to Tumbleweed Communications Corporation is recorded in the Patent and Trademark Office at Reel 019271/Frame 0212.

The undersigned, whose title is given below, is authorized to act on behalf of the assignee.

MAY 16, 2007  
Date

  
James J. MacDonald  
Vice President & Deputy General Counsel